Weekly Metrics for May 23 - 29, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.7	D
		Archive	GES DAAC	0.9	1x Baseline	0.7	A, D
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	36	H
		L1 Prod	NSIDC	115	1x Baseline	0	
		L2-3 Prod	NSIDC	43	1x Baseline	0	
		Archive	NSIDC	199		36	
		Distribution	NSIDC				
		End Users		166	Various	7	G, N
		Data Pool				1	R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	88	
		L1 Prod	GES DAAC	1,211	Various	1,273	
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	272	
		Archive	GES DAAC	1,522	Various	1,633	
		Distribution	GES DAAC				
		Testing/QA		99		259	
		Production				327	
		End users		471	Various	17	G, N
		Data Pool				216	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	28	Various	8	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	42	C
		Archive	NSIDC	114	Baseline	56	C
		Distribution	NSIDC				
		Production				6	
		End Users		35	1.015x Baseline	1,124	G, N
		Data Pool				75	R
	CERES	Archive	ASDC	496	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		109	1.015x Baseline	TBD	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	496	
		L1 Prod	GES DAAC	7,569	Various	11,692	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	11,975	L, P
		Archive	LP DAAC	7,034	Various	9,749	
			GES DAAC	12,989	Various	13,884	L, P
			NSIDC	853	Various	531	P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	146	G, N
		Data Pool				70	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	1,061	
		Production				11,056	
		End Users		4,157	1.015x Baseline	1,830	G, N
		Data Pool				293	R
		Distribution	NSIDC				
		End User		284	1.015x Baseline	11	G, N
		Data Pool				0	R
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	2.6	D
		Distribution	ASDC				
		Production				0.2	
		End Users		0.02	1.015x Baseline	1.5	G, N

ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	114	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	25	E
		L1B Archive	LP DAAC	271	1.015x Baseline	26	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	455	E
		Archive	LP DAAC	2,173	Various	598	E
		Distribution	LP DAAC				
		Production				112	
		End Users		1,221	1.015x Baseline	352	G, N
		Data Pool				17	R
	CERES	Archive	ASDC	357	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		119	1.015x Baseline	TBD	
	MISR	L0 Ingest	ASDC	249	1x Baseline	266	
		L1 Prod	ASDC	3,359	Various	3,073	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	281	F
		Archive	ASDC	3,894	Various	3,620	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	904	
		Production				1,410	
		End Users		1,215	1.015x Baseline	1,626	G, N
		Data Pool				6	R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	501	
		L1 Prod	GES DAAC	7,570	Various	2,435	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	3,055	L, M, P
		Archive	LP DAAC	7,034	Various (L2-L4)	2,382	M, P
			GES DAAC	12,990	Various (L0-L4)	575	L, M, P
			NSIDC	853	Various (L2-L3)	98	M, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End Users		2,345	1.015x Baseline	1,410	G, N
		Data Pool				107	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	574	
		Production				3,674	
		End users		4,157	1.015x Baseline	2,307	G, N
		Data Pool				150	R
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	39	G, N
		Data Pool				<0.1	R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	3	
		L1 Prod	SIPS	2	Various	1	I
		L2 Prod	SIPS	2	3.045x Baseline	2	I
		Archive	ASDC	6	Various	6	I
		Distribution	ASDC				
		Production				3	
		End Users		1	1.015x Baseline	6	G, N
		Data Pool				8	R
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			0	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			8	
		Distribution	PO DAAC	NA	NA	32	J
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			38	
		Distribution	PO DAAC	109	Weekly Average	353	J
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	31	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	14 75	K

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
C. Includes forward processing for May 15-22 and reprocessing for 28 data dates in July - September 2002.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Includes the reprocessed April – July 2003 data.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
K. Includes distribution of educational materials.
L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
M. Very little or no reprocessing of MODIS products was done.
N. Does not include the distribution by data pool.
O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
P. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
Q. No information is available.
R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.